Natural Advanced Facilities

The following enhancements will be provided with Natural Advanced Facilities Version 4.1:

- Spool File
- New Functions
- CICS-Specific Enhancements
- IMS/TM-Specific Enhancements
- Spool File Options
- Server Options
- Report Display
- Printer Definitions
- CALLNAT Interfaces

Spool File

With Version 4.1, a new spool file layout will be provided for improved data storage.

A conversion program for existing Version 2.3 spool files will also be provided.

New Functions

The following new functions will be available:

- The application SYSPOOL will support switching to other Version 4.1 spool files (dynamic change of FSPOOL assignment).
- It will be possible to unload and load spool file objects and report data from/to work files (work file numbers 3 and 4) online.
- It will be possible to copy objects from one spool file to another.
- It will be possible to delete from the spool file only reports which are created before a specific date or which are older than a specific number of days.

CICS-Specific Enhancements

In addition to the online definitions (CICS Options), it will be possible to use the parameter module NAFPARM. Parameter settings of the NAFPARM module will then override parameter definitions on the spool file. If no parameter module is used, the online definitions on the spool file will apply. The same will be true for parameters not set in the parameter module.

IMS/TM-Specific Enhancements

In addition to the online definitions (IMS/TM Options), it will be possible to use the parameter module NAFPARM. Parameter settings of the NAFPARM module will then override parameter definitions on the spool file. If no parameter module is used, the online definitions on the spool file will apply; the same will be true for parameters not set in the parameter module.

It will be possible to use a spool server (IMS BMP) with the option WAIT FOR INPUT for different spool files, as the corresponding FSPOOL value will be passed dynamically.

Spool File Options

It will be possible to pre-define the sequence in which reports are displayed:

- ascending by job number;
- ascending by: a) destination/form, b) status, c) priority, d) date of creation;
- ascending by: a) user ID, b) destination/form, c) status, d) priority, e) data of creation;
- automatically depending on the specified search criteria.

Server Options

It will be possible to automatically start reports whose status is WAIT (see also Report Display below).

Report Display

- A new line command DY will allow you to delete reports depending on the date or the number of days.
- A new line command SC will allow you to search for texts within a report.
- The display of report details will be enhanced.
- Two new report status values will be provided:
  - WAIT = Report could not be started, because the printer was active for another destination/form;
  - WOER = Error during processing of report data.
- Asterisk notation will be provided for the report selection criteria.

Printer Definitions

Control of the first/last page advance will be enhanced, allowing you to prevent a page advance being replaced by a line advance.

At present, the user exit USPSER01 in the spool server applies to all printers. With Version 4.1, you will be able to use a different user exit for each printer.

CALLNAT Interfaces

The existing interface subprograms will be expanded to cover the new functions (deletion by date/days, unloading/loading of spool file objects/report data).